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- Sulbaek Andersen, M.P., D.A. Ponomarev, O.J. Nielsen, M.D. Hurley and T.J. Wallington, Kinetics and mechanism of the gas phase reaction of Cl atoms with iodobenzene 350 (2001) 423
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- Tachikawa, M., Simultaneous optimization of Gaussian type function exponents for electron and positron with full-CI wavefunction – application to ground and excited states of positronic compounds with multi-component molecular orbital approach 350 (2001) 269
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- Tao, C. and P.J. Dagdigan, Vibrationally mediated photodissociation of CH<sub>3</sub>Cl: the  $\nu = 3$  and 4 CH stretch overtone levels 350 (2001) 63
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- Wieckowska, A., R. Bilewicz, A. Misicka, M. Pietraszkiewicz, K. Bajdor and L. Piela,  
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- Zhou, G. and Y. Kawazoe, Application of single-walled carbon nanotube body to  
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- Zhou, W., Y.H. Ooi, R. Russo, P. Papanek, D.E. Luzzi, J.E. Fischer, M.J.  
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diameter-dependent oxidative stability of single wall carbon nanotubes synthesized  
by the catalytic decomposition of CO 350 (2001) 6
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- Zhu, L., K. Takahashi, M. Saeki, T. Tsukuda and T. Nagata, Photodissociation of gas-  
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